



# LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology in cooperation with the Department of Biology & Wildlife, College of Natural Science and Mathematics.

October 29, 2007

## ANNOUNCEMENTS

**Alaska EPSCoR (Experimental Program to Stimulate Competitive Research)** is seeking to fund early-career fellowships at \$30,000 each, for the 2008 spring semester and summer (January 4 – August 20), to help early-career faculty become more competitive in attracting research funding. -- Any faculty member at UAA, UAF or UAS who is not yet tenured is eligible to apply.

Our project is entitled “Resilience and Vulnerability in a Rapidly Changing North: The Integration of Physical, Biological and Social Processes.” More information is also available on our website, [www.alaska.edu/epscor](http://www.alaska.edu/epscor), under “Research Focus Areas—Phase III.” To be considered, faculty will need to be working in an area of research noted.

Please remember, **we need the application in the form of one PDF by Wednesday, November 14.**

Information: 474-5880 or [anne.sudkamp@alaska.edu](mailto:anne.sudkamp@alaska.edu).

### **ANGUS GAVIN MIGRATORY BIRD RESEARCH GRANT - Proposal Deadline: November 15, 2007**

The UA Foundation is pleased to announce the availability of the Angus Gavin Memorial Bird Research Grant for the 2008 field season (\$15,000 maximum award). Proposals for the grant will be accepted from scientists within the University system, which includes graduate students and faculty members.

<http://www.alaska.edu/foundation/grantsandawards>

More information in the IAB Director’s Office.

### **ARTHUR J. SCHAIBLE MEMORIAL CULTURAL ENRICHMENT FUND**

**Award Amount: \$2,000**

**Deadline: Friday, November 16, 2007**

The Graduate School is accepting proposals from departments for a special event activity between December 2007 and June 2008. Examples of activities are a lecture, performance, literary reading or publication, visiting professor or speaker, or special event.

Proposals should be submitted to Department Heads for signature and forwarded to the Graduate School. The proposal should include the type of event, name of speaker, lecturer, performer(s), date of event, amount requested, and how funds will be used, i.e. travel expenses, and any matching funds that may be available. The sponsoring department will be responsible for coordinating the event, including travel, paperwork, catering, and advertising.

Submit proposals to:

Office of the Graduate School

202 Eielson

474-7464

[fygrads@uaf.edu](mailto:fygrads@uaf.edu)

### **THE 2008 ALASKA MARINE SCIENCE SYMPOSIUM: EARLY NOTICE AND CALL FOR ABSTRACTS**

**January 20-23, 2008** Hotel Captain Cook, Anchorage, AK

Bookmark the Symposium website at [www.alaskamarinescience.org](http://www.alaskamarinescience.org)

### **LIFE SCIENCE SEMINAR**

Friday, November 2, 3:30 p.m. - Elvey Auditorium, 214 Elvey Building  
“**Social-Ecological Sustainability in a Changing World:  
Concepts and Policy Strategies to Address Climate Change in Alaska**”

**F. Stuart (Terry) Chapin III**

Institute of Arctic Biology, Department of biology & Wildlife

Information: <http://www.iab.uaf.edu/events/events.php> or 474-7640

**Abstracts** should be a **maximum of 350 words** and should include a title, the lead principal investigators, co-PIs, and PI contact information. You will be able to upload abstracts starting Thursday, Nov. 1. **Abstracts must be submitted by Friday, Nov. 16. Registration is free** because of the support of many organizations involved or interested in Alaska marine research.

## **TUESDAY, OCTOBER 30**

7:00 a.m. - 9:00 p.m. - 344 Duckering Building

Alaska WWAMI 2007 Mini Medical School Lectures  
“Liver Disease in Alaska, the U.S. and the World”

Brian McMahon, Liver Disease and Hepatitis Program,  
Alaska Native Medical Center

This is the final installment of this Tuesday-night lecture series. It is free and open to the public.

Information: John Adamson, 907-646-9977

## **WEDNESDAY, OCTOBER 31**

11:00 a.m. - 12:00 p.m. - IAB Library, Irving I, Rm. 311

Hazardous Waste Training Workshop

This class will be beneficial to all that work in a laboratory environment and have not previously had this training, or anyone that might have specific concerns about disposal of waste materials in their lab. Please RSVP to Jami Warrick (x5455) if you plan to attend.

## **NEW FUNDING OPPORTUNITIES**

### **November 2007**

#### **NSF 07-580**

**Postdoctoral Research Fellowships in Biology (PRFB).** Replaces NSF 04-539. Full Proposal Deadline: **November 5, 2007.**

URL to view this funding opportunity:

[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf07580](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07580)

#### **NSF 07-581**

**Collaborative Research in Chemistry (CRC).** Replaces Document NSF 05-606. Preliminary Proposal Due Date: **November 12, 2007.** Full Proposal Deadline: **March 31, 2008** (by invitation only).

### **December 2007**

#### **NSF 07-582**

**ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (ADVANCE).** Replaces Document NSF 05-584. Full Proposal Deadline: **December 6, 2007** – Institutional Transformation Planning Grants (IT-Start); Institutional Transformation (IT). **January 17, 2008** – Partnerships for Adaption, Implementation and Dissemination (PAID).  
URL to view this funding opportunity:

<http://www.nsf.gov/pubs/2007/nsf07582/nsf07582.htm>

#### **NSF 07-597**

**Center for Research at the Interface of the Mathematical and Biological Sciences (CIMBS).** Preliminary Proposal Due Date: **December 24, 2007**  
Full Proposal Target Date: **April 2, 2008** – BY INVITATION ONLY

URL to view this funding opportunity:

[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf07597](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07597)

### **January 2008**

#### **NSF 07-598**

**Dynamics of Coupled Natural and Human Systems (CNH).** Replaces Document NSF 06-587. Full Proposal Deadline: **January 8, 2008.**

URL to view this funding opportunity:

[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf07598](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07598)

#### **NSF 07-560**

**Research Initiation Grants and Career Advancement Awards to Broaden Participation in Biology (RIG CAA BP).** Replaces Document NSF 05-58. Proposal Target Date: **January 14, 2008.**

URL to view this funding opportunity:

[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf07560](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07560)

#### **NSF 07-510**

**Major Research Instrumentation Program (MRI).** Replaces Document NSF 05-515. Full Proposal Deadline: **January 27, 2008**

**\*\*\*30% cost-share required\*\*\***

[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf07251](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07251)

This is a limited submission program, **pre-proposals are due to OSP by November 1, 2007.**

URL to view this funding opportunity:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5260](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5260)

## **\$\$ GRANTS AND AWARDS \$\$**

**Terry Chapin, Gary Kofinas, and Scott Rupp**  
**“IPY: Impact of High-Latitude Climate Change on Ecosystem Services and Society”**

**NSF**  
**\$2,142,115**

**Joe Margraf and Anupma Prakash**  
**“Effects of Habitat Change on Fish Condition in**  
**Undeveloped Beaufort Sea Coastal Lagoons”**  
USGS  
\$1,137,654

*Quote of the week:*

*“You can't control the length of your life, but you  
can control the width and the depth of it.*

*- unknown*

## **TIP OF THE WEEK**

Is your office light switch not working properly or your door sticking? Do you need to have a wall built in your lab? In order to get these projects done, you will need to start a work order for work to be done by UAF Facilities Services. You can easily initiate the process by using the online Work Order Submission Form on the IAB web site ([http://www.iab.uaf.edu/admin/submit\\_eworf.php](http://www.iab.uaf.edu/admin/submit_eworf.php)). This form will send your request to the IAB Business Office, which will log in the request and pass it on to the relevant department at Facilities Services.

## **→→TRAVEL→→**

- **Cord Brundage**, 11/2-8, San Diego, CA, Society for Neuroscience Annual Meeting
- **Justin Buehner**, 11/2-8, San Diego, CA, Society for Neuroscience Annual Meeting
- **Abel Bult-Ito**, 11/2-8, San Diego, CA, Society for Neuroscience Annual Meeting
- **Andrew Corcoran**, 11/2-13, San Diego, CA, Society for Neuroscience Annual Meeting
- **Larry Duffy**, 11/2-5, San Diego, CA, Society for Neuroscience Annual Meeting
- **Emma Flores**, 11/2-8, San Diego, CA, Society for Neuroscience Annual Meeting
- **Michael Harris**, 11/2-8, San Diego, CA, Society for Neuroscience Annual Meeting
- **Dave McGuire**, 10/28-30, Washington, DC, UCAR's CCSSG Meeting
- **Todd O'Hara**, 10/26-11/5, Sitka, AK, fieldwork
- **Rosemarie Plaetke**, 10/22-29, San Diego, CA, American Society of Human Genetics Conference
- **Barbara Taylor**, 11/2-8, San Diego, CA, Society for Neuroscience Annual Meeting
- **Mary van Muelken**, 11/2-8, San Diego, CA, Society for Neuroscience Annual Meeting
- **Kathleen West**, 10/23-27, San Diego, CA, American Society of Human Genetics Conference